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### Claims

1. Actuator arm for use in a spacecraft, comprising an action element which is connected to a base unit by a number of connection tapes.  
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2. Actuator arm according to claim 1, wherein said connection tapes are attached to said base unit via a reel-unreel mechanism.
- 10 3. Actuator arm according to claim 1 or 2, wherein said connection tapes are made of conductive material.
4. Actuator arm according to one of the claims 1 through 3, wherein said action element comprises a gripping unit.
- 15 5. Actuator arm according to one of the claims 1 through 4, wherein said action element comprises a number of momentum wheels.
6. Actuator arm according to one of the claims 1 through 5, comprising a laser source  
20 attached to said base unit.
7. Actuator arm according to one of the claims 1 through 6, wherein said action element comprises a light reflector.
- 25 8. Spacecraft, equipped with a number of actuator arms according to one of the claims 1 through 7.